

[TRANSFORMER MODULE]

Abstract

A transformer module having an external transmission element capable of reducing interferences between adjacent transformers, comprising at least a bobbin, enclosing a hollow central region and comprising a receiving hole, wherein two sides of said bobbin comprises an inlaying portion and a buckling portion, and wherein a plurality of terminals extend from said buckling portion; a core element, positioned inside said receiving hole of said bobbin, wherein two ends of said core element protrude out of said inlaying portions of said bobbin; and a transmission element, comprising a holding portion at two sides thereof, wherein said transmission element is secured at said inlaying portion of said bobbin by inlaying said holding portion of the transmission element into said inlaying portion of said bobbin and thereby electrically connecting said transmission element with said core element to conduct and stabilize a magnetic field.